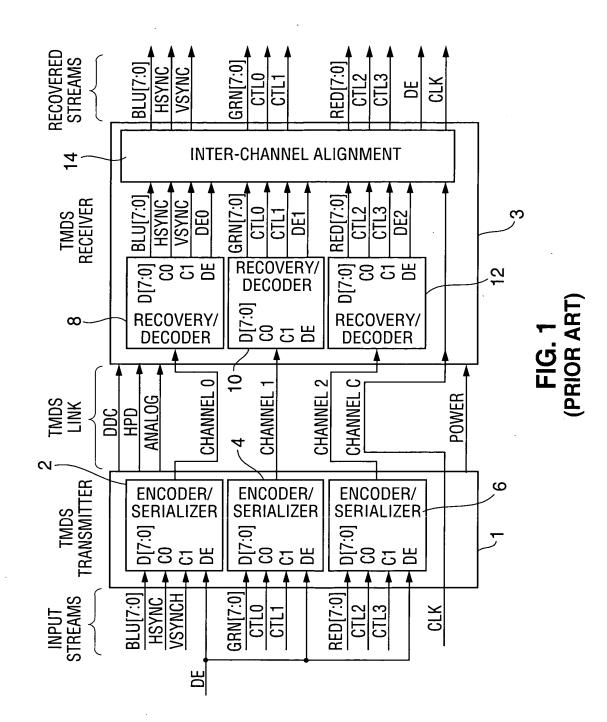
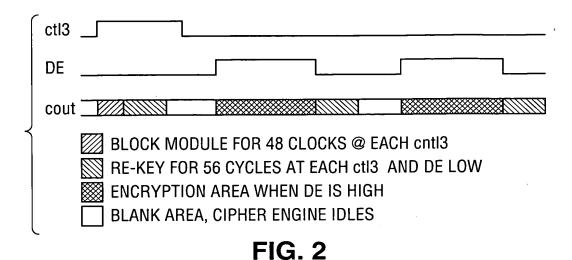


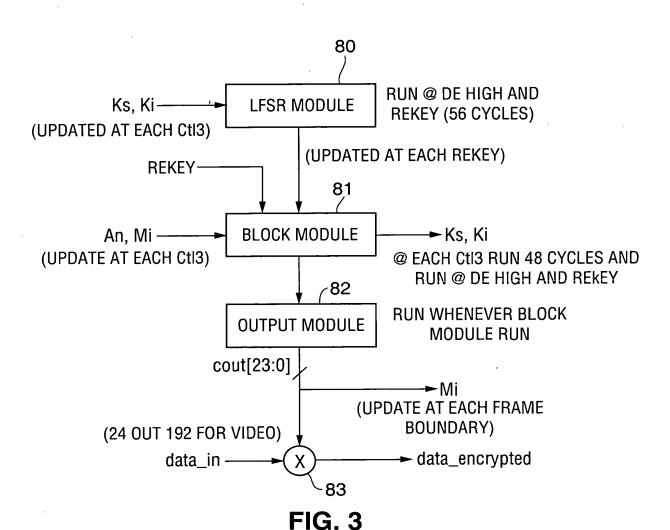
U.S. Patent Application No. 09/945,278
Filed: August 31, 2001
METHOD AND APPARATUS FOR ENCRYPTING...
Attorney Docket No.: SII-600 [SIMG0096]
Alfred A. Equitz/(415) 433-2250
Replacement Sheet 1 of 6



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METHOD AND APPARATUS FOR ENCRYPTING...
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Alfred A. Equitz/(415) 433-2250
Replacement Sheet 2 of 6

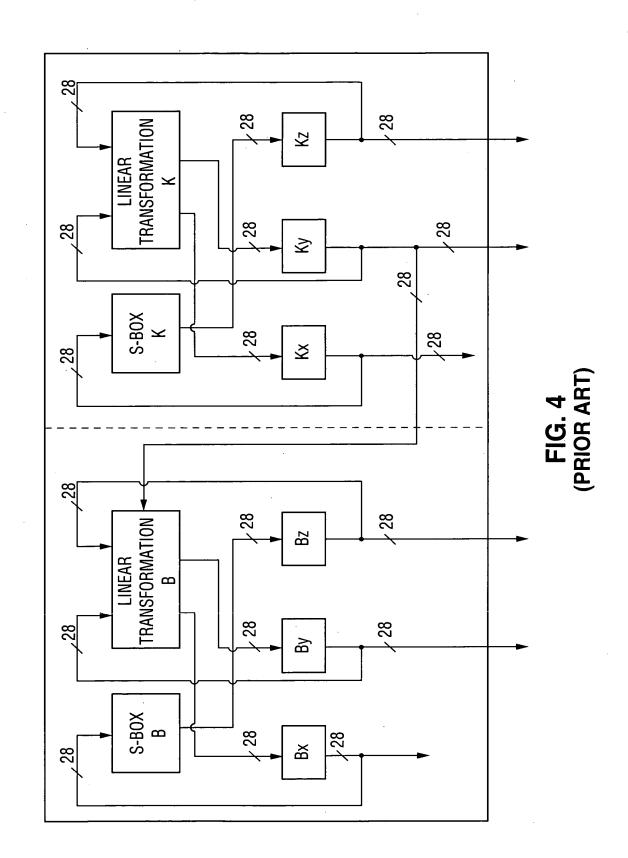


(PRIOR ART)



(PRIOR ART)

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INPUT	ВО	B1	B2	В3	В4	B5	В6	B7	K0	K1	K2	КЗ	K4	K5	K6	K7
ORIGIN	Bz	Bz	Bz	Bz	Bz	Bz	Bz	Ву	Kz	Kz	Kz	Kz	Kz	Kz	Kz	Ку
OUTPUT BIT		3														
0 1 2 3 4	17 5 22 19 19	26 20 5 3 6	22 15 14 15 17	27 24 16 11 18	21 2 25 21 22	18 25 17 16 7	2 0 20 27 9	5 16 11 1 12	3 20 7 6 25	6 18 19 14 6	0 7 2 9 5	9 23 10 8 2	4 15 22 17 10	22 5 4 18 15	5 3 13 12 21	10 25 21 24 8
5 6 7	3	7 21	4 27	8 2	16 11	6 24	5 12	17	27 17	14 26	2 4	16	24 27	19 7	1 22	12 11
8 9	9 26 1	5 13 0	7 23 19	4 10 11	8 11 13	13 7 16	3 15 24	15 19 18	9 13 0	10 12 5	19 18 20	11 24 25	7 15 1	6 23 24	8 7 9	23 16 27
10	26 21	13 15	9	14	10 13	4 25	1 16	2 27	14 6	23 21	27 17	25 15	17 26	19 11	1 16	22 7
12 13	20 14	7 23	18 1	12 12	17 24	1 6	16 18	0	11 8	22	20	0	26 20	23 26	17 23	2 15
14	19	6	21 27	25 23	23 19	1 8	10 4	8 7	19 16	0 21	18 24	2 25	13 12	8 27	24 15	14 18
16	6	5 4	14	22	24 22	18 14	2	21 26	3	5 14	8 23	25 17	7 22	27 13	2 19	26 4
18 19	25 23	21	19 10	9	10	15 12	13	22	1 21	16	14 10	11 20	12 18	6 26	10	19 13
20	11	26 17	20 26	17 4	8 27	23	0	24	20 18	21 12	9	25 27	12	3 16	15 24	0 20
22 23	22 27	12 24	2 26	10 8	7 0	20 9	25 18	13 23	13 2	0	3 13	16 5	22 4	11 8	26 10	9

FIG. 5 (PRIOR ART)

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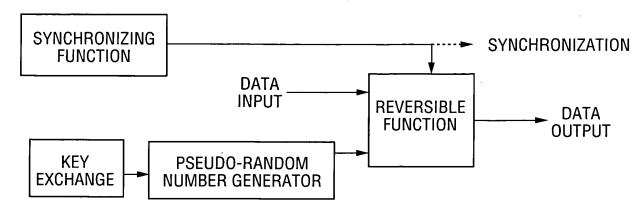


FIG. 6

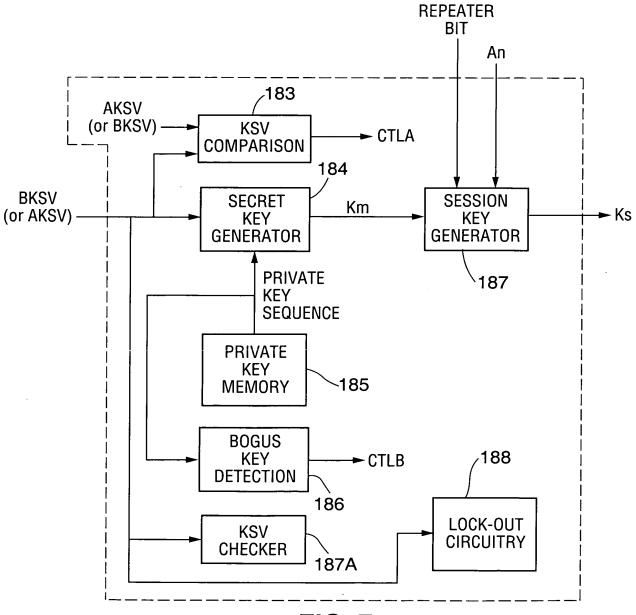


FIG. 7

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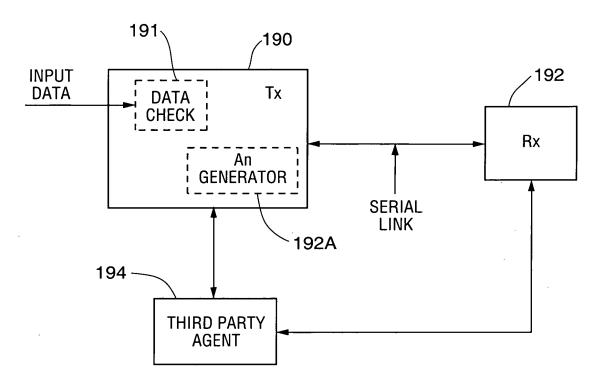


FIG. 8